# CURRICULUM VITAE

جامعة الأزهر

## Al-Azhar University-Gaza

**Fawzy Abujarad**

Last Update:15/03/2023

## PERSONAL DETAILS

| | | | |
|---|---|---|---|
| **Date Of Birth** | 13/6/1968 | **Place Of Birth** | Gaza |
| **Nationality** | Palestinian | | |
| **Martial Status** | Maried | **Gender** | Male |
| **Designation** | | | |
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## ACADEMIC QUALIFICATIONS

(YEAR ,QUALIFICATION ,INSTITUTION ,TITLE)

2007        Doctoral Degree, PHD,Otto-von-Guericke-University of Magdeburg, Germany (Signal Processing)

## AREAS OF EXPERTISE

(AREA)

Fiber optics , Signal Processing ,

## SELECTED PUBLICATIONS

**- Article in Academic Journal**

1  Fawzy Abujarad (2017) . High Resolution Techniques for Direction of Arrival Estimation of GPR Signals,", Journal of Multidisciplinary Engineering Science and Technology (JMEST),1(4) ,

2  -    Atallah Balalem, Shurouq Ahmed, Dalya Hassounah, Raghda Iraqi, Loqman As-Sayid-Ahmad, Fawzy Abujarad (2016) . A Method to Distinguish Between Different Fruits by Measuring the Magnitude of the Transmission Coefficient,International Journal of Modern Engineering Research,6() ,51-54

3  Fawzy Abujarad (2016) . Nonlinear Principal Component Analysis for Clutter Reduction in GPR Data for Landmine Detection,International Journal of Modern Engineering Research,6() ,15-22

**- Proceedings**

1  Fawzy Abujarad (2014) . Independent factor analysis for clutter reduction in GPR data for landmine detection,Proceedings of 15th international conference on ground Penetrating Radar,Brussels, Belgium,30 June - 4 July,. (ISI Cited Publication )

2  Fawzy Abujarad, A.S. Omar   (2006) . GPR Data Processing Using the Component-Separation Methods PCA and ICA,IEEE International Workshop on Imaging Systems and Techniques,Minori, Italy,,. (ISI Cited Publication )

3  Fawzy Abujarad  and Abbas Omar (2006) . GPR Detection of Landmine by FastICA,11th International Conference on Ground Penetrating Radar,Columbus Ohio, USA,June 19-22,. (ISI Cited Publication )

4  Fawzy Abujarad and Abbas Omar (2006) . Comparison of ndependent-Component-Analysis (ICA) Algorithms for GPR Detection of Non-Metallic Land Mines,In Proc. SPIE Image and Signal Processing for Remote Sensing XI, volume 6365,Stockholm, Sweden,11–14 September ,. (ISI Cited Publication )

5  Fawzy Abujarad, A.S. Omar  (2006) . Factor and Principle Component Analysis for Automatic Landmine Detection Based on Ground Penetrating Radar,German Microwave Conference (GeMIC) ,Karlsruhe, Germany,,. (ISI Cited Publication )

6  Fawzy Abujarad, Galal Nadimy and Abbas Omar (2005) . Combining Wavelet Packets with Higher-Order-Statistic for GPR Detection of Non-Metallic Anti-Personnel Land Mines,In Proc. SPIE Image and Signal Processing for Remote Sensing XI, volume 5982,Brugge, Belgium,,380-390. (ISI Cited Publication )

7  Fawzy Abujarad, Galal Nadimy and Abbas Omar (2005) . Wavelet Packets for GPR Detection of Non-Metallic Anti-Personnel Land Mines Based on Higher-Order-Statistic,Proc. 3rd international workshop on advanced ground penetrating radar,,,21-24. (ISI Cited Publication )

8  Fawzy Abujarad, Galal Nadimy and Abbas Omar (2005) . Clutter Reduction and Detection of Landmine Objects in Ground Penetrating Radar Data Using Singular Value Decomposition (SVD),Proc. 3rd international workshop on advanced ground penetrating radar,,,37-41. (ISI Cited Publication )

9  Fawzy Abujarad, J?stigmeier, A. S. Omar (2004) . Clutter Removal for Landmine using Different Signal Processing Techniques,Proc. tenth international conference on ground penetrating radar,,,697-700. (ISI Cited Publication )